

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Stefan Hau-Riege
R. Scott List

Serial No.: 10/001,305

Filed: November 30, 2001

For: METHOD OF MAKING A
SEMICONDUCTOR DEVICE
THAT HAS COPPER DAMASCENE
INTERCONNECTS WITH ENHANCED
ELECTROMIGRATION RELIABILITYCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

OFFICIAL

Art Unit: 2829

Examiner: M. Harrison

Atty Docket: P12075

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JUL 27 2004

AMENDMENT

Dear Sir:

In response to the office action of July 14, 2004, applicants respectfully request the examiner to enter the following amendment. In the office action, the examiner indicated that the pending claims, as amended, are allowable. Consequently, applicants respectfully request the examiner to allow these remaining pending claims.

- 1 -

Intel Corporation
2200 Mission College Blvd.
Santa Clara, CA 95052

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JUL 27 2004

Intel Legal Team

Fax

Page 1 of 8

Date: July 27, 2004

To: Monica D. Harrison **Fax:** 703-872-9306 **Phone:** 571-272-1959
United States Patent and Trademark Office

From: Mark V. Seeley **Fax:** 408-765-7723 **Phone:** 408-765-7382

Subject: Amendment in Application Serial No. 10/001,305

A CONFIRMATION COPY OF THIS DOCUMENT:

WILL NOT BE SENT

Applicant(s): Stefan Hau-Riege, R. Scott List
Assignee: Intel Corporation
Serial No.: 10/001,305
Filed: November 30, 2001
Atty Docket No.: P12075
Title: METHOD OF MAKING A SEMICONDUCTOR DEVICE THAT HAS COPPER
DAMASCENE INTERCONNECTS WITH ENHANCED
ELECTROMIGRATION RELIABILITY

Enclosed:

1. Transmittal Form (1 page)
2. Fee Transmittal for FY 2004 (1 page in duplicate)
3. Amendment (4 pages).

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PTO/98/21 (02-04)

Approved for use through 07/31/2008, OMB 0651-0037

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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission

7

Attorney Docket Number

P12075

Application Number

10/001,305

Filing Date

November 30, 2001

First Named Inventor

Stefan Hau-Riege et al.

Art Unit

2829

Examiner Name

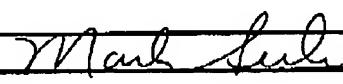
M. Harrison

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark V. Seeley
Signature	
Date	July 27, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Mark V. Seeley
Signature	
Date	July 27, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 0.00)

Complete If Known

Application Number	10/001,305
Filing Date	November 30, 2001
First Named Inventor	Stefan Hau-Riege et al.
Examiner Name	M. Harrison
Art Unit	2829
Attorney Docket No.	P12075

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number: 50-0221
Deposit Account Name: Intel Corporation

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
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FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	1053 130	Non-English specification	
1612 2,320	1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	2251 55	Extension for reply within first month	
1252 420	2252 210	2252 210	Extension for reply within second month	
1253 950	2253 475	2253 475	Extension for reply within third month	
1254 1,480	2264 740	2264 740	Extension for reply within fourth month	
1255 2,010	2265 1,005	2265 1,005	Extension for reply within fifth month	
1401 330	2401 165	2401 165	Notice of Appeal	
1402 330	2402 165	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	2452 55	Petition to revive - unavoidable	
1453 1,330	2463 665	2463 665	Petition to revive - unintentional	
1501 1,330	2501 665	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	2502 240	Design issue fee	
1503 840	2503 320	2503 320	Plant issue fee	
1460 130	1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	8021 40	Recording each patent assignment per property (plus number of properties)	
1809 770	2809 385	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	1802 900	Request for expedited examination of a design application	

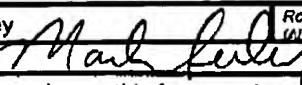
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

Name (Print/Type)	Mark V. Seeley	Registration No. (allowance)	50,804	Telephone	408-765-7382
Signature				Date	July 27, 2004

(Complete if applicable)

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Deposit Account Name

50-0221

Intel Corporation.

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Name (Print/Type)	Mark V. Seeley	Signature	Registration No. (Attorney/Agent)	50,804	Telephone 408-765-7382
Signature			Date	July 27, 2004	

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